

Abstract of the Disclosure:

A pattern is determined of the neck movement of a subject. The head/body movement of the subject is recorded with markers placed on the shoulders and on the head and thus moving with the subject. The locus curve of each marker in three-dimensional space is then determined in dependence on the time and it is stored as a data set. The neck movement is isolated from the head and torso movements by determining the difference between the average of the two locus curves that represent the shoulder movements and the locus curve representing the head movement. The pattern of movement established on the cranio-corpo-graphy is evaluated and analyzed using a data-processing device. The method is particularly suitable for determining the presence and the severity of an injury to the cervical spine as a result of whiplash caused by a traffic accident.

WHS:kf - TER-00264-2F//10/19/2001